FORM PTO-1390 OFFICE

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER PF-0733 USN

U.S. APPLICATION NO TO BE ASSIGNED

INTERNATIONAL APPLICATION NO. PCT/US00/16636

INTERNATIONAL FILING DATE 16 June 2000

PRIORITY DATE CLAIMED 16 June 1999

TITLE OF INVENTION

INTRACELLULAR SIGNALING MOLECULES

APPLICANT(S) FOR DO/EO/US

YUE, Henry; TANG, Y. Tom; HILLMAN, Jennifer L.; LAL, Preeti; BANDMAN, Olga; BAUGHN, Mariah R.; AZIMZAI, Yalda; YANG, Junming; REDDY, Roopa, LU, Dyung Aina M.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. ☑ This is the **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- 2.

 This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- 3. □ This is an express request to promptly begin national examination procedures (35 U.S.C. 371 (f)).
- 4. \Box The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
- 5.

 ✓ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. \square is attached hereto (required only if not communicated by the International Bureau)
 - b. \square has been communicated by the International Bureau.
 - c. \(\times \) is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
- 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. \Box are attached hereto (required only if not communicated by the International Bureau).
 - b. \square have been communicated by the International Bureau.
 - c. \square have not been made; however, the time limit for making such amendments has NOT expired.
 - d. \square have not been made and will not be made.
 - e. ⊠ attached hereto Article 34 Amendment
- 8. \square An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C.
- 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10.□ An English language translation of the annexes to the International Preliminary Examination Report PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern document(s) or information included:

- 11. □ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.27 and 3.31 is included.

Cancel in this application original claims #12, 14, 18, 20, 21, 23, 24, 25, 28-204 before calculating the filing fee, without prejudice or disclaimer. Applicants submit that these claims were included in the application as filed in the interest of providing notice to the public of certain specific subject matter intended to be claimed, and are being canceled at this time in the interest of reducing filing costs. Applicants expressly state that these claims are not being canceled for reasons related to patentability, and are in fact fully supported by the specification as filed. Applicants expressly reserve the right to reinstate these claims or to add other claims during prosecution of this application or a continuation or divisional application. Applicants expressly do not disclaim the subject matter of any invention disclosed herein which is not set forth in the instantly filed claims.

- ☐ A SECOND or SUBSEQUENT preliminary amendment.
- 14. □ A substitute specification.
- 15. □ A change of power of attorney and/or address letter.
- 1) Transmittal Letter (2 pp, in duplicate)
- 2) Return Postcard
- 3) Express Mail Label No.: EL 856148931 US
- 4) Sequence Listing Statement

JC05 RG2 - CT/PTO

1 1 DEC 2001

U.S. APPLICATION NO. (if known, see 37 CER 1.5) TO BE ASSIGN 0 0 1 8 1 7 0 INTERNATIONAL APPLICATION DE ASSIGN 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		LICATION	ATTORNEY'S DOCKET NUMBER PF-0733 USN			
17. □ The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or IPO\$1000.00 □International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or IPO\$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$710.00 □International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$710.00 □International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00						
ENTER APPROPRIATE BASIC FEE AMOUNT =					\$710.00	, i
Surcharge of \$130.00 for furnishing the oath or declaration later than □ 20 □ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			
Total Claims	19 =	0	X \$ 18.00	_	\$	
Independent Claims	2 =	0	X \$ 80.00		\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$270.00					\$	
TOTAL OF ABOVE CALCULATIONS =					\$	
□ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$	
SUBTOTAL =					\$710.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest clailmed priority date (37 CFR 1492(f)).					\$	
TOTAL NATIONAL FEE =					\$710.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
TOTAL FEES ENCLOSED =					\$710.00	
					Amount to be Refunded:	s
					Charged:	\$
a. □ A check in the amount of \$ to cover the above fees is enclosed. b. □ Please charge my Deposit Account No. 09-0108 in the amount of \$710.00 to cover the above fees. c. □ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 09-0108. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:						
INCYTE GENOMICS, INC. 3160 Porter Drive Palo Alto, CA 94304						
NAME: Diana Hamlet-Cox						
REGISTRATION NUMBER: 33,302						
DATE: December 2001						



Docket No.: PF-0733 USN

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

By: Printed:

NAUCY Romos

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yue, et al.

Title:

HUMAN INTRACELLULAR SIGNALING MOLECULES

PCT Serial No.: PCT/US00/16636

International Filing Date: 16 June 2000

Examiner:

To Be Assigned

Group Art Unit:

To Be Assigned

Commissioner for Patents

BOX PATENT APPLICATION

Washington, D.C. 20231

REQUEST TO PUBLISH APPLICATION WITH ARTICLE 34 AMENDMENTS

Sir:

Applicants respectfully request that the present application be published under 35 U.S.C. § 122(b) with the claims as amended under PCT Article 34 on the attached substitute sheets, and which are submitted with the attached PCT application, rather than as originally filed.

Applicants submit that the Article 34 amendments should be considered as a part of the application as filed, as they were submitted in the form of replacement sheets during Chapter II examination of the PCT application, and should not be considered as a preliminary amendment which cannot be published unless submitted in electronic form.

Applicants believe that no fee is due with this communication. However, if the USPTO determines that a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 09-0108. This form is enclosed in duplicate.

Respectfully submitted,

INCYTE GENOMICS, INC.

Date: 11 | Jec 2001

Diana Hamlet-Cox Reg. No. 33,302

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